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25X1

[redacted]

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
NO. P-E004

APPLICATIONS SOFTWARE
13 April 1983

EXTERNAL IDF UPDATE PROGRAM

SYMBOLIC TITLE: EXUPDT
PROGRAMMER: [redacted]

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CLASSIFICATION

DOCUMENT CHANGE REQUEST (DCR)

DCR NO: 0014
DATE LOGGED: 2 Apr. 84
DATE CLOSED: 14 May 84

TITLE External IDF Update NO. P-E004 (IF NEW, ASSIGNED BY TSS)

INITIATOR [redacted] SECTION TSS DATE 4/4/84 PHONE [redacted] 25X1

TECHNICAL MONITOR _____ SECTION _____ DATE _____ PHONE _____

SYSTEM AFFECTED: X 1100/OPS 1100/M&A COINS RTMS OTHER

BRANCH CHIEF SIGNATURE [redacted] DATE 5 Apr 84 25X1

INITIATING DOCUMENT NO.: DR # _____ RFC # _____ OTHER _____

NEED FOR CHANGE: The EXUPDT Operations Procedure Manual has been updated to reflect Min Mods software changes.

DCOB INTERIM APPROVAL:

C/DCOB: [redacted] DATE 4/5/84 CONCUR ✓ NON-CONCUR 25X1

CERB:

		CONCUR	NON-CONCUR
C/DCOB	[redacted]	✓	
C/SB:		✓	
C/PB:		✓	

DISAPPROVED ____

SIGNAT [redacted] DATE 10 MAY 84 25X1

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Program EXUPDT
U-1100/80

Date 16 June 1981

APPROVALS

This operations manual has been reviewed and approved by the following persons:

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4 Feb 82
(date)

2/9/82

9 FEB 82
(date)

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EXUPDT
Program U-1100/80

Date 16 June 1981

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EXUPDT
Program U-1100/80

Date 16 June 1981

SUMMARY

The External IDF Update Program, EXUPDT, will update the IDF file with records built from information obtained from a WWIPIR tape. The tape originates either from external sources or from NPIC components.

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Program U-1100/80

Date 16 June 1981

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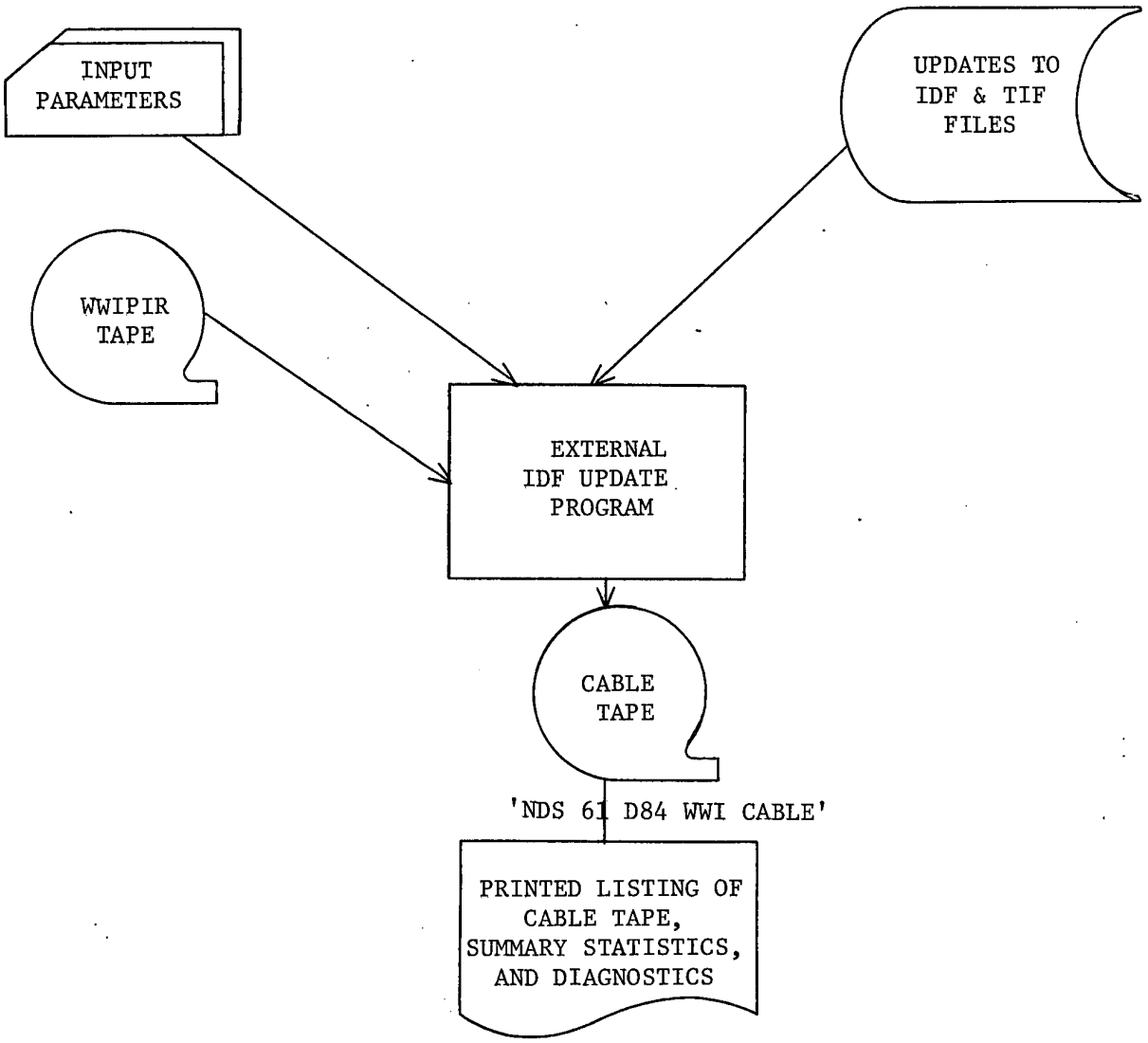
OPERATIONAL FLOW CHART


INPUT PARAMETERS
UPDATES TO IDF & TIF FILES
WWIPIR TAPE
EXTERNAL IDF UPDATE PROGRAM
CABLE TAPE
'NDS 61 D84 WWI CABLE'
PRINTED LISTING OF CABLE TAPE, SUMMARY STATISTICS, AND DIAGNOSTICS

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OPERATING PROCEDURES FOR THE EXUPDT PROGRAM ON THE UNIVAC 1100/80

The operator will load the following card deck:

```
1.  @RUN,/R EXUSAC,DMS/DMS,XAU,,10000
2.  @ASG,T   XAU*TAPIN.,U9V//////Q,INPUT
3.  @ASG,T    XAU*TAPOUT.,U9V//////Q,BLANK
4.  @ASG,A  XAU*P$ABS.
5.  @COPY,A  XAU*P$ABS.EXUPDT,TPF$.
6.  @FREE  XAU*P$ABS.
7.  @XQT TPF$.EXUPDT
8.  CA0031                        810218
9.  MSN SF0005                REEVE  -564
10. MIPIR:NPIC  SER:CA0031
11. THIS MESSAGE REFLECTS DATA EXPLOITED BY THE 544TH SAC UTILIZING ALL
12. SYSTEMS.
13. IT HAS BEEN INCORPORATED INTO THE NPIC INSTALLATIONS DATA FILE.
14. @EOF
15. @MSG  *END-OF-RUN  EXUSAC*
16. @FIN
```

The program will display on the console every WAC-BE number from the tape as it is being updated.

If the program terminates abnormally and must be restarted, the operator will type in the last WAC-BE number displayed on the console during the previous run of the program in columns 13-23 of card number 8. The operator will then load the card deck and tapes as described above.

When the program is restarted, it will proceed to display to the console each WAC-BE number to be updated starting from where it left off during the previous run.

When the program is terminates successfully, the operator should save the input tape and all listings.

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EXUPDT
Program U-1100/80

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PUNCHED CARD INPUT

See Operating Procedures for the EXUPDT Program on page 3 for the sequence and content of the input card deck.

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Program EXUPDT
Date 16 May 1984

MAGNETIC TAPE INPUT

Contents and Description of Tape Data

National standard formatted message containing imagery-derived information resulting from first- and second-phase exploitation efforts as established by COMIREX.

Type of Unit (7 Track or 9 Track)

Standard Tape Label: 'NDS 61 D84 WWI EXT'
(to be inserted by programmer)

MMMM-N

Label Block File Name: N/A

Mode: Very High Density (1600 FBI)

Code: Packed ASCII

Record and Block Size: 90 characters/record

Type: Dual Density 9-track tape unit

File Sequence:

Source Program:

Source Component:

Disposition: Save

Retention Period: 3 Months

Restrictions:

Quantity:

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Program EXUPDT U-1100/80

Date 16 June 1981

INPUT TAPE FORMAT

(See COMIREX-D-31.2/19 Second Revision October 1976)

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WORKING PAPERS 25X1

Program EXUPDT
Date 16 May 1984

MAGNETIC TAPE OUTPUT

Contents and Description of Tape Data

Format is the same as the input tape; contains only those input items used to update the IDF.

Unit

Standard Tape Label: 'NDS 61 D84 WWI CABLE'
(to be inserted by programmer)

MMMM-N

Label Block File Name: N/A

Mode: Very High Density (1600 FPI)

Code: Packed ASCII

Record and Block Size: 90 characters/record

Type: Dual Density 9-track tape unit

File Sequence:

Source Component:

Disposition: Save

Retention Period: 3 Months

Restrictions:

Quantity

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Program EXUPDT U-1100/80

Date 16 June 1981

HIGH-SPEED PRINTER OUTPUT (See sample listings on the following pages.)

Identification:

Format:

Type of Form:

Disposition:

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```
@RUN,/R EXUSAC,DMS/DMS,XAU,,10000

@MSG ***THIS PROGRAM REQUIRES 2 9TRK TAPE DRIVES***

@ASG,TH  XAU*TAPIN.,U9V
                    166//////Q,INPUT

@ASG,TH   XAU*TAPOUT.,U9V
                    160//////Q,BLANK

XAUXPGABS,F XUPDT
@XQT  XAU*A,EXT-UPD,EXUPDT/EXUP
*** EXUPDT INITIATED ***
```

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```
**********************************************************************************************************************
THE EXUPDT PROGRAM IS SUCCESSFULLY TERMINATED. ALL FILES ARE CLOSED.
**********************************************************************************************************************
758
LINE1EOM:
```

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SUMMARY STATISTICS

TOTAL ITEMS PROCESSED: 00053

TOTAL RECORDS BUILT: 00432

TOTAL ITEMS REJECTED: 00000

77G
END-PARA
END-PARA-C
END-PARA-D
CLOSE-IT
CLSPRT

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```
STOP-RUN
@SETC 1
@MSG  *END-OF-RUN  EXUSAC*
@MSG *UNLOAD AND SAVE EXUSAC I/O AND O/P TAPES*
@FIN
```

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```
RUNID: EXUSAC   ACCT: DMS          PROJECT: XAU
     LOAD INPUT 5/1 TAPIN -1 EXUSAC
     LOAD BLANK 5/0 TAPOUT -1 EXUSAC
    EXUSAC*MSG: ***THIS PROGRAM REQUIRES 2 9TRK TAPE DRIVES***
    *** MISSION: MISF00011 ***
  1-06/00  1/15/0 WRTRN6 20011200000400O W EXUSAC AB
  1 A
```

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```
      **************************************************
      THE EXUPDT PROGRAM IS SUCCESSFULLY TERMINATED.
      ALL FILES ARE CLOSED.
      **************************************************

      EXUSAC*MSG: *END-OF-RUN  EXUSAC*
      EXUSAC*MSG: *UNLOAD AND SAVE EXUSAC I/O AND O/P TAPES*
TIME:  TOTAL: 00:02:25.595      CBSUPS:  066876632
       CAU:   00:00:10.737      I/O:  00:02:03.525
       CC/ER: 00:00:11.332      WAIT: 00:00:00.090
SUAS USED:  $     9.18   SUAS REMAINING:288420414.85
SRC:     PS=       018726190      ES=       005808610
IMAGES  READ:   16        PAGES:  9
START:   22:10:09 APR 06,1981   FIN:  22:15:17 APR 06,1981
```

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Program EXUPDT
U-1100/80

Date 16 June 1981

PROGRAM LOADING

Type of Program: Batch

Start Keyin:

Run ID:

DMR ID:

ECRT:

General Equation -

Sample Estimate -

FINAL CHECK SUMMARY

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COMPUTER RUN PREPARATION SUMMARY

Assembly System: SPURT FD _____ SPRYE _____ ALGOL _____ FORTRAM IV _____ COBOL X SIMSCRIPT _____

Hardware System: Univac 1100 Run Sequence 1 of 1

Application: Yes Program Name EXUPDT Programmer _____ Core: Min 23K Max25X1

Drum: Permanent & Temporary Fastrand Estimated Run Time: 42 minutes for 14 MRNs

MAGNETIC TAPE (File Protect All Output Tapes)

Logical Servo No. or Symbolic Name	0	0
Work Input/Output	Input	Output
Standard Tape Label (See OPB/TAS)	'NDS 61 P44 WWI CABLE MMMM-N	
Disposition: Save, List, & Release	Retention Period	Save 3 Months	Save 3 Months
Next Phase [Prog. Name(s)]		

INPUT

X Data Cards - Prog. Controlled (Volume) 23-73

_____ Parameters - Prog. Controlled (Volume)

_____ Parameters - Oper. Load as Errata (Volume)

_____ Paper Tape (Volume)

OUTPUT On ___ Off ___ Line ___

1004 Board Name (no.) _____ Carriage Tape _____ Off Line Estimated Run Time: _____ (Hours & Tenths)

Printer (Type Paper/No. of Copies)

Cards on ___ Off ___ Line: _____ (Volume) Plotter On ___ Off ___ Line: _____ (Amount of paper in feet)

Other On ___ Off ___ Line: _____ (Volume)

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Program EXUPDT
U-1100/80

Date 16 June 1981

ON-LINE COMPUTER PROCESSING

Equipment Requirements

Computer:

Schema Used:

Storage:

Core Required -

I Bank - 12858

D Bank - 22497

Peripheral Devices: 9300 Card Reader
Printer
2 9-track tape units
Fastrand

Restrictions:

Files Accessed:

Files Created/Deleted:

File Size:

Approximate Number of Accesses:

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Program EXUPDT
U-1100/80

Date 16 June 1981

NORMAL RUN INSTRUCTIONS

Initiation:

Monitor:

Message	Cause	Operator Action
Load input 5/0 Tape-in name		Load input tape provided by requester
Load blank 5/1 Tape-out		Load blank tape - output tape
*This program requires 2 tape drives		None
End-of-run EXUPDT		None
Save O/P tape		Save tape, write its tape no. on request sheet and return cable tape to requester.

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Program EXUPDT U-1100/80

Date 16 June 1981

ABNORMAL RUN INSTRUCTIONS

Messages: The following errors will cause the program to terminate. No operator response required.

	Message	Cause	Operator Action
1.	No input provided for this program run--reinitialize.		For all errors: Return console sheet, all printer listings, input tape and cards to requester.
2.	No IPIR/SUPIR found.		
3.	Part II of Input tape does not follow The WWIPIR format. Data cannot be properly interpreted---program terminated.		
4.	End-of-tape-error.		
5.	No Part II or Part III data present on tape.		
6.	This SAC tape does not contain SAM SITE data.		
7.	Have encountered a DMS error code--for function--contact program maintenance.		

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